

## Aluminum Electrolytic Capacitor Specification

Series	KLH	100 V 1000 $\mu$ F	Part No.	KLH-100V102MK400
Customer No.	/		Case size	$\Phi$ D 18 X L 40
Specification	Items		Standard	
	Operating temperature range		- 40 ~ + 105 $^{\circ}$ C	
	Capacitance tolerance		$\pm$ 20% ( 20 $^{\circ}$ C , 120Hz )	
	Dissipation factor (MAX)		( Less than ) 0.08 ( 20 $^{\circ}$ C , 120Hz )	
	Leakage current (MAX)		( Less than ) 1000 $\mu$ A ( 20 $^{\circ}$ C 100 V 2 min )	
	Impedance (MAX)		0.076 $\Omega$ (100KHZ, 20 $^{\circ}$ C)	
	Ripple current (MAX)		2500mArms ( 100KHZ , 105 $^{\circ}$ C )	
	Load life		5000 hrs	
Outline	Sleeve color		Deep Green	
	Marking color		White	
	( Dimensions )			
	<p>Copper clad steel wire(tinned)</p> <p>The drawing shows a side view of the capacitor with a cylindrical body and a flat rubber seal. Labels include 'Vent' at the top, 'Sleeve' on the side, 'Markings' on the front, and 'Copper clad steel wire(tinned)' for the leads. Dimensions are given as 18+0.5 MAX for height, 40 + 2.0 max for body length, 15min for sleeve length, and 4min for lead length. Lead diameter is <math>\Phi</math>0.8<math>\pm</math>0.05. The end view shows a circular cross-section with a lead space of 7.5<math>\pm</math>0.5 and polarity markings (+ and -).</p>			
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